

FIG.1

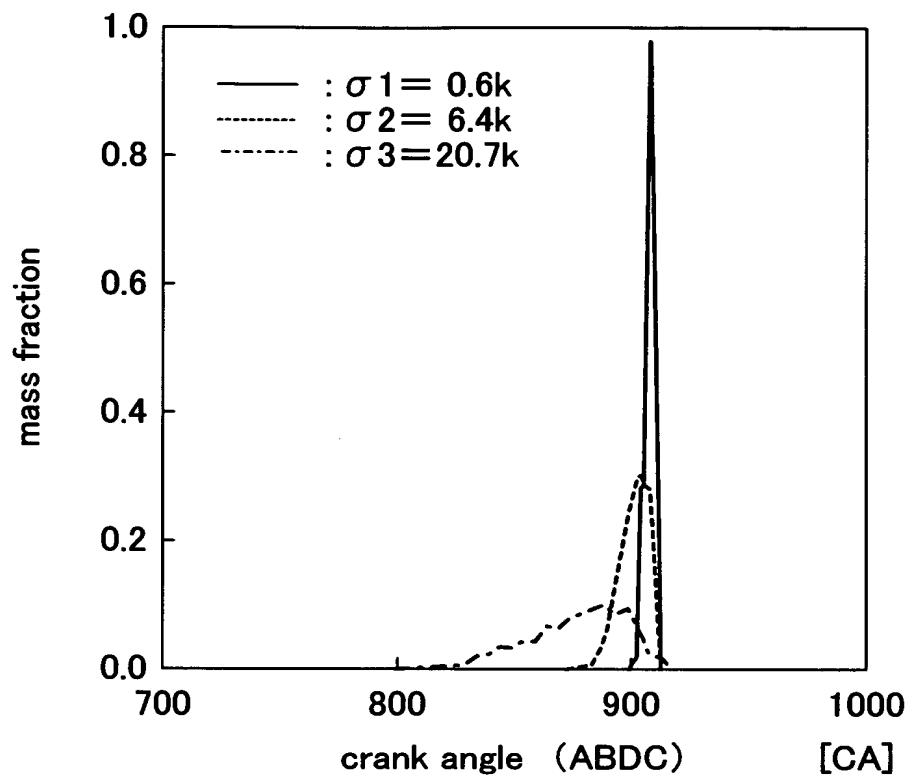
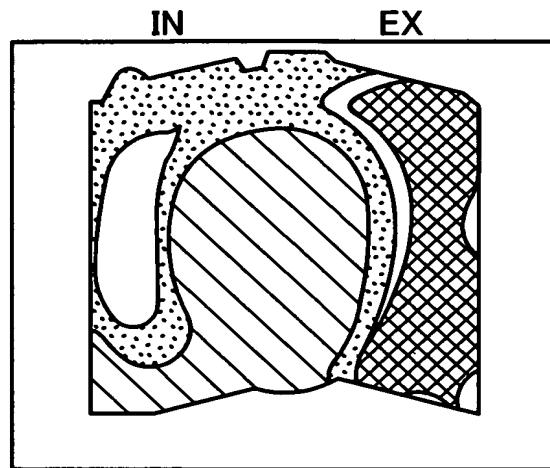
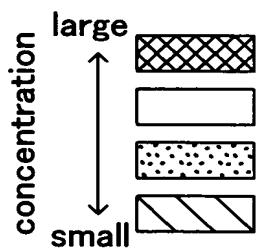
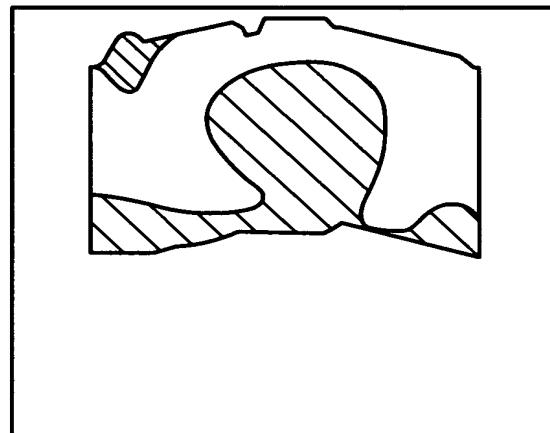


FIG.2

(A) early phase of compression stroke
(BTDC 130)



(B) middle phase of compression stroke
(BTDC 80)



(C) late phase of compression stroke
(BTDC 20)

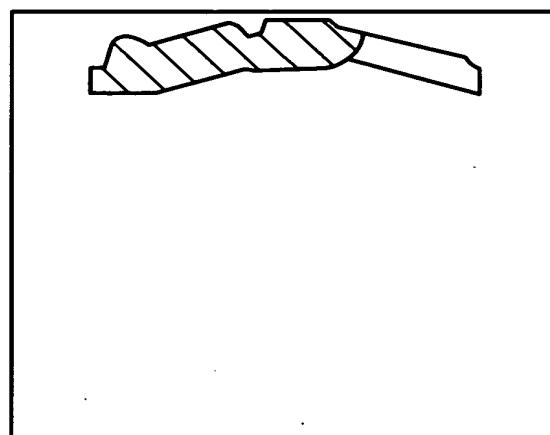


FIG.3

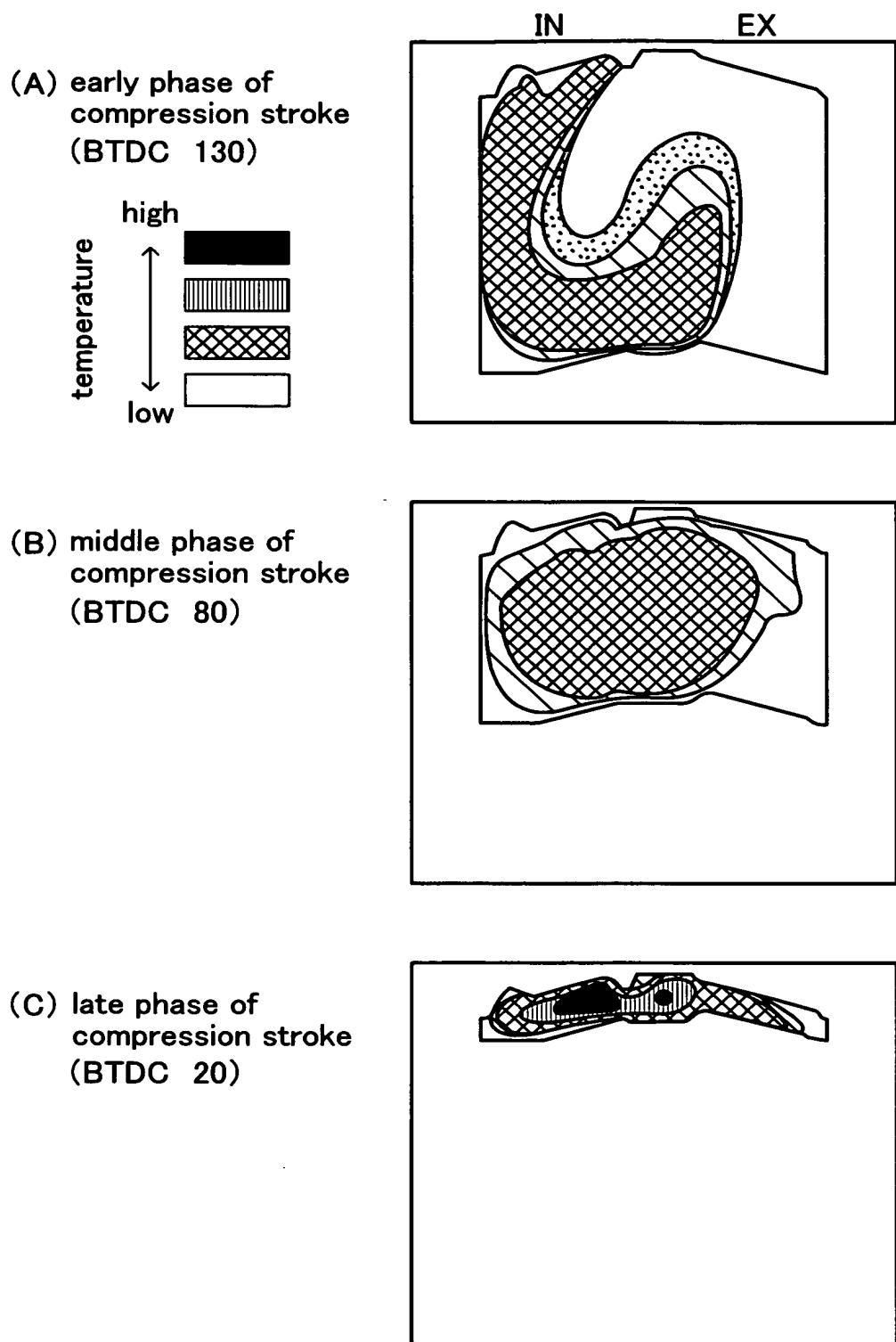


FIG.4

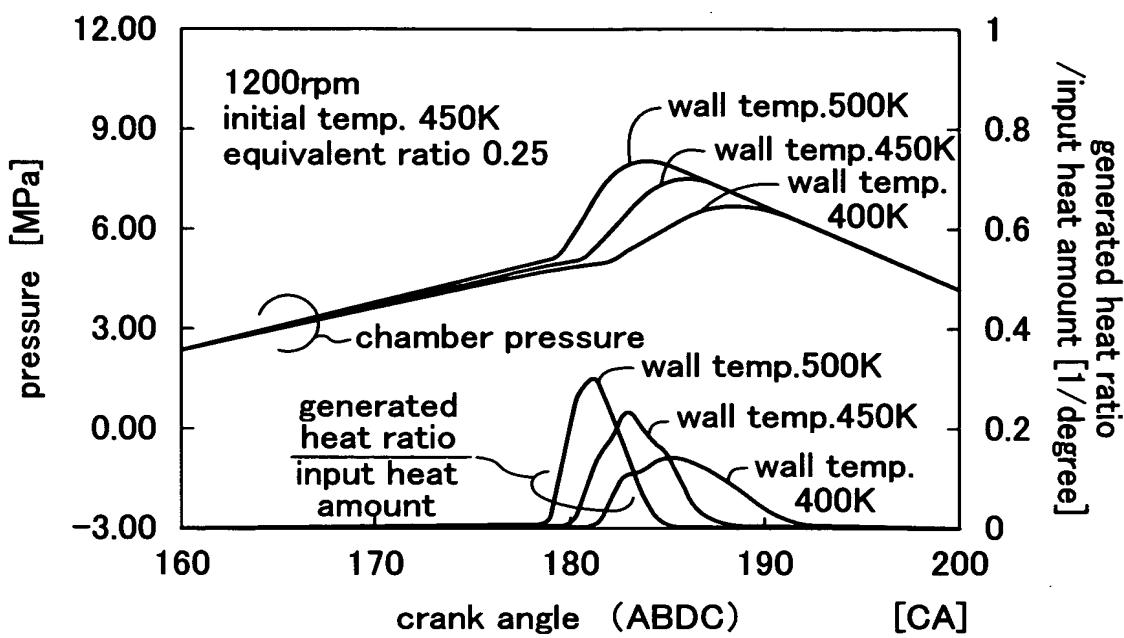


FIG.5

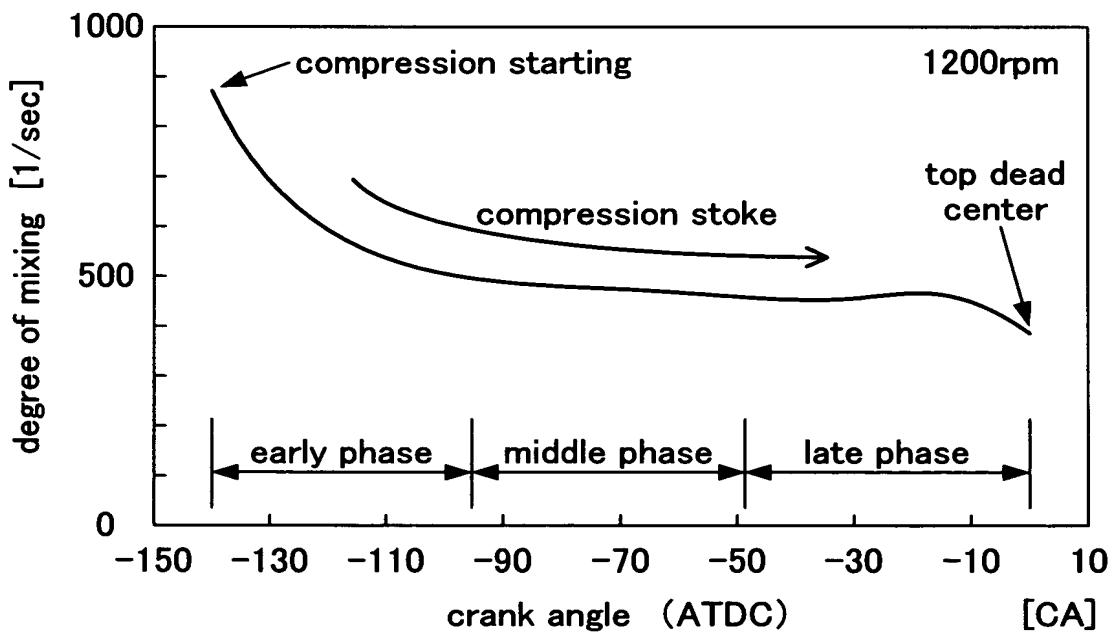
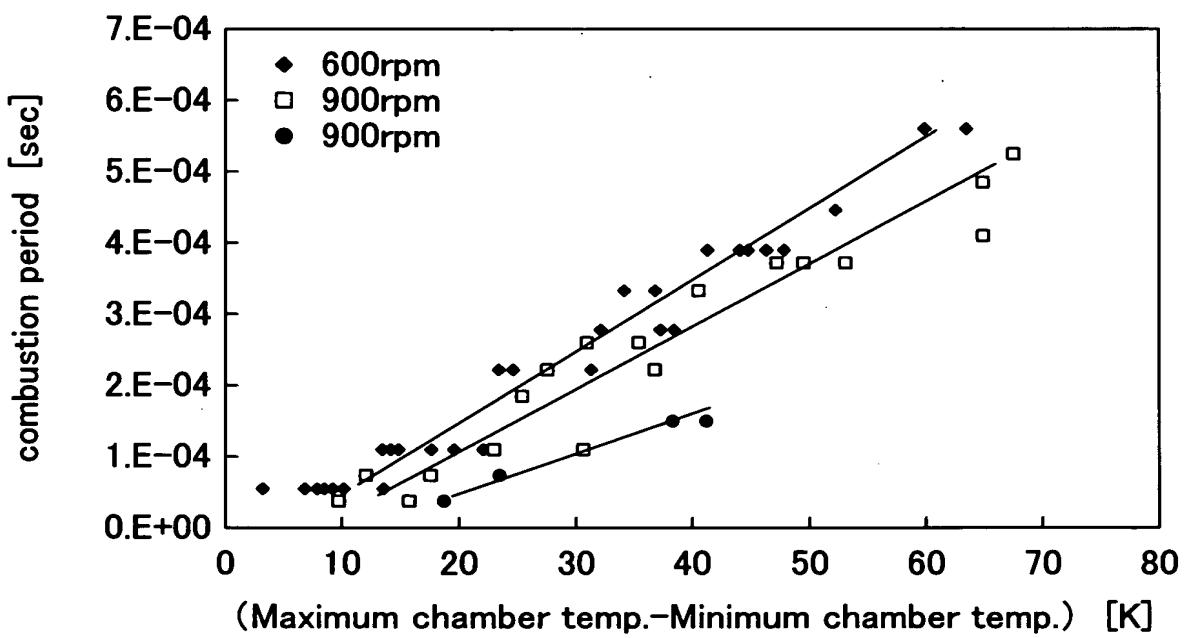
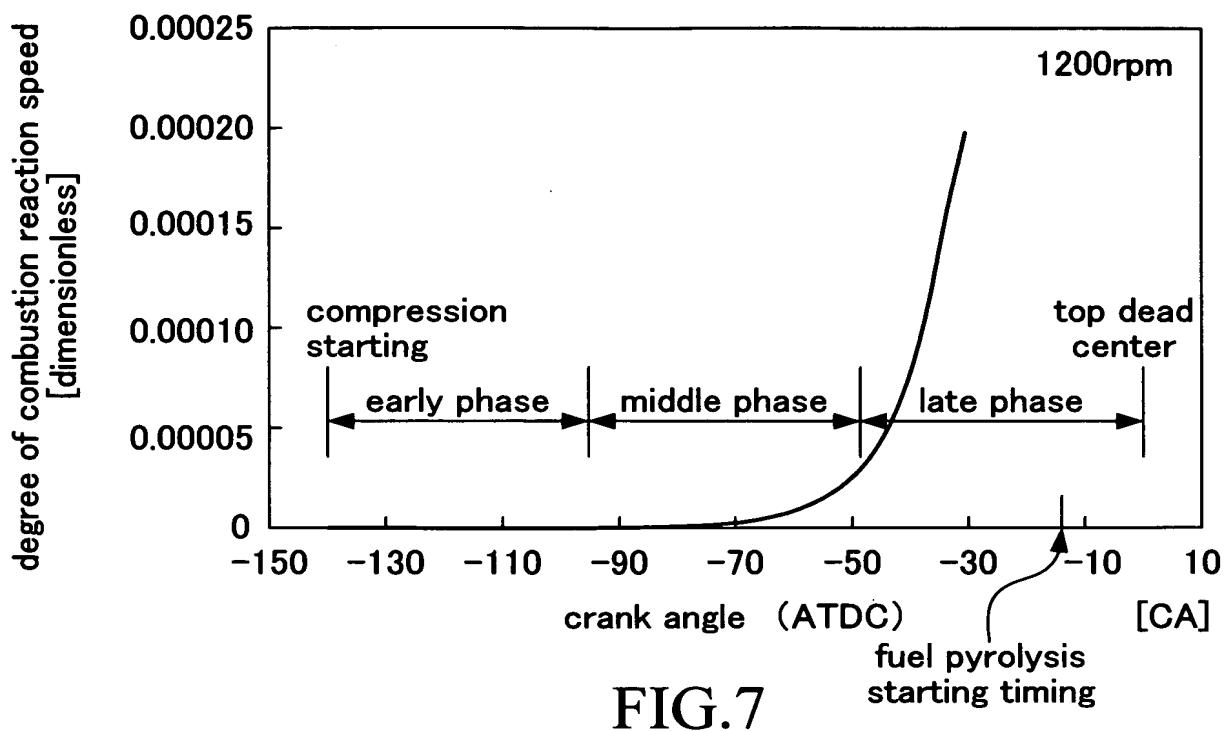


FIG.6



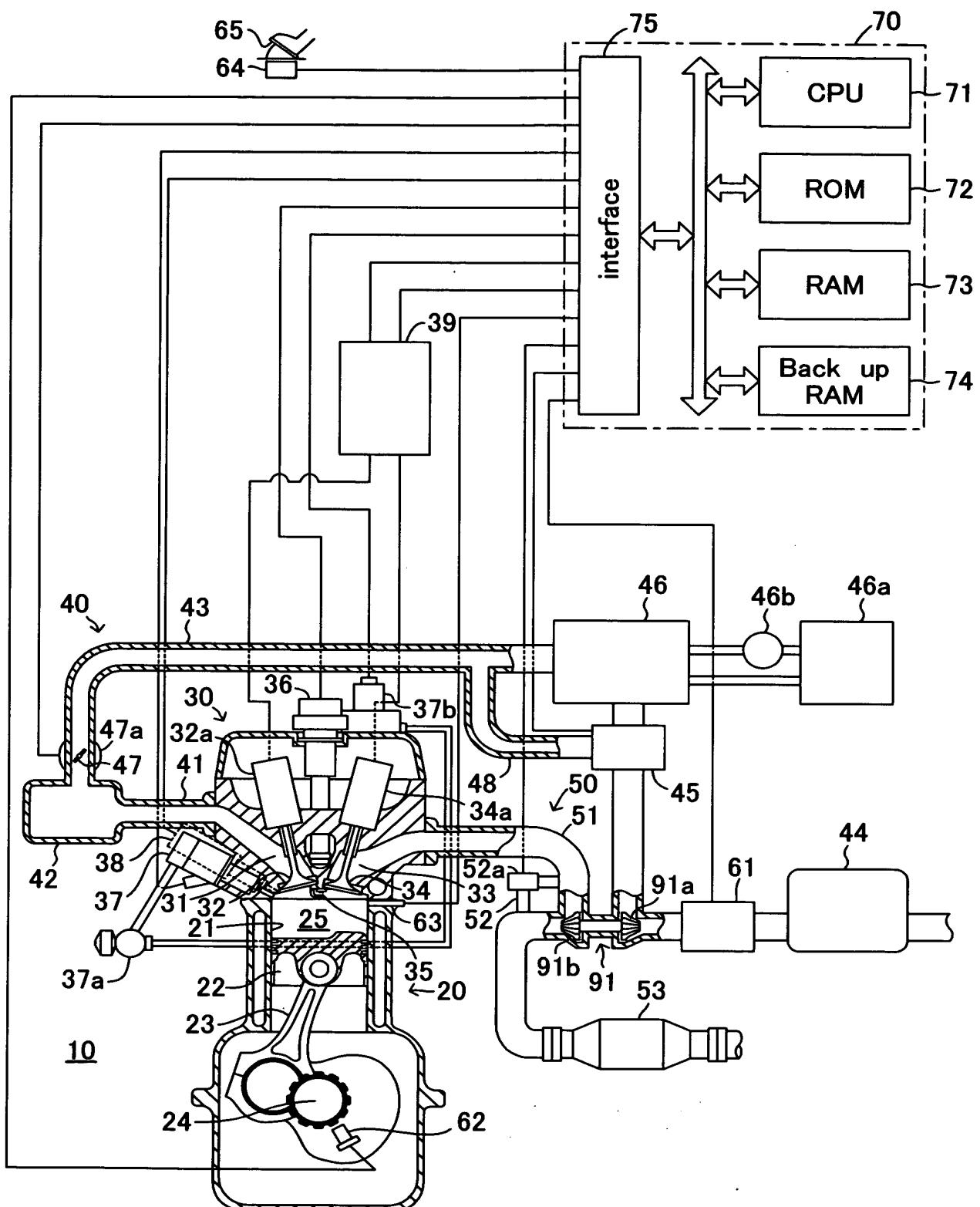


FIG.9

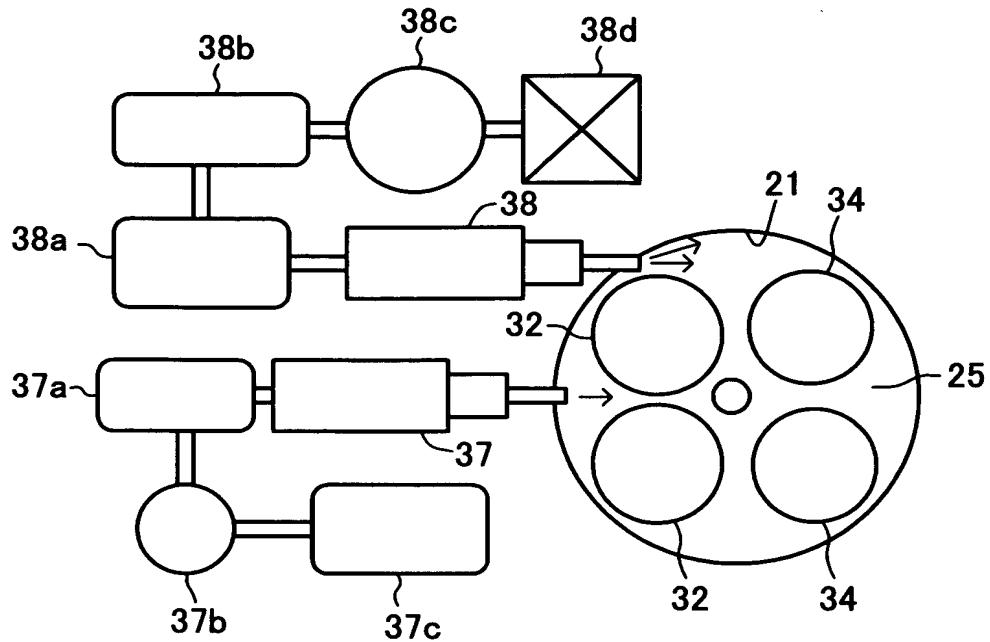


FIG.10

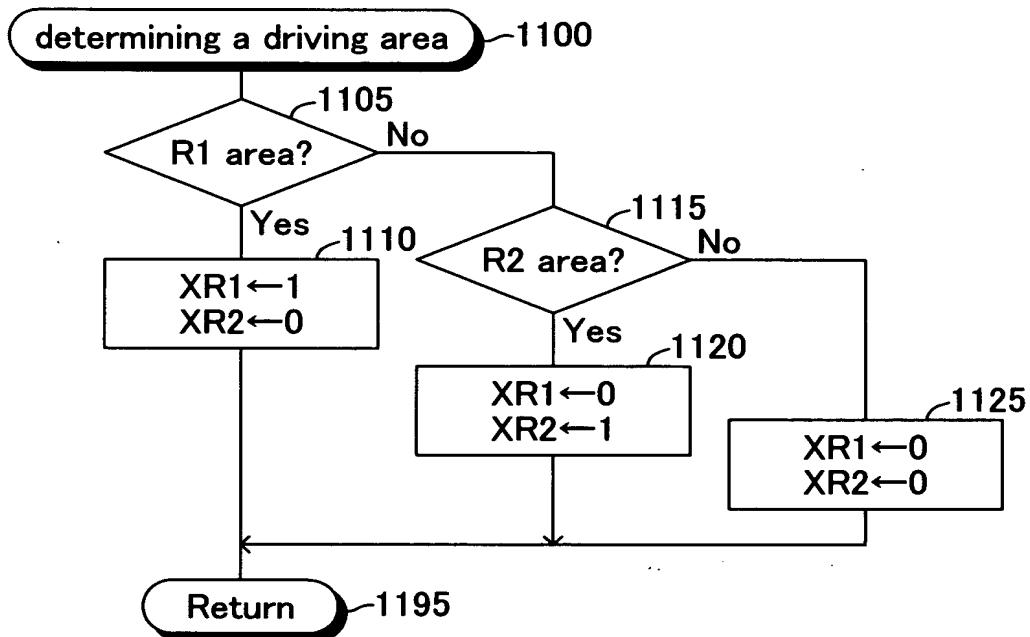


FIG.11

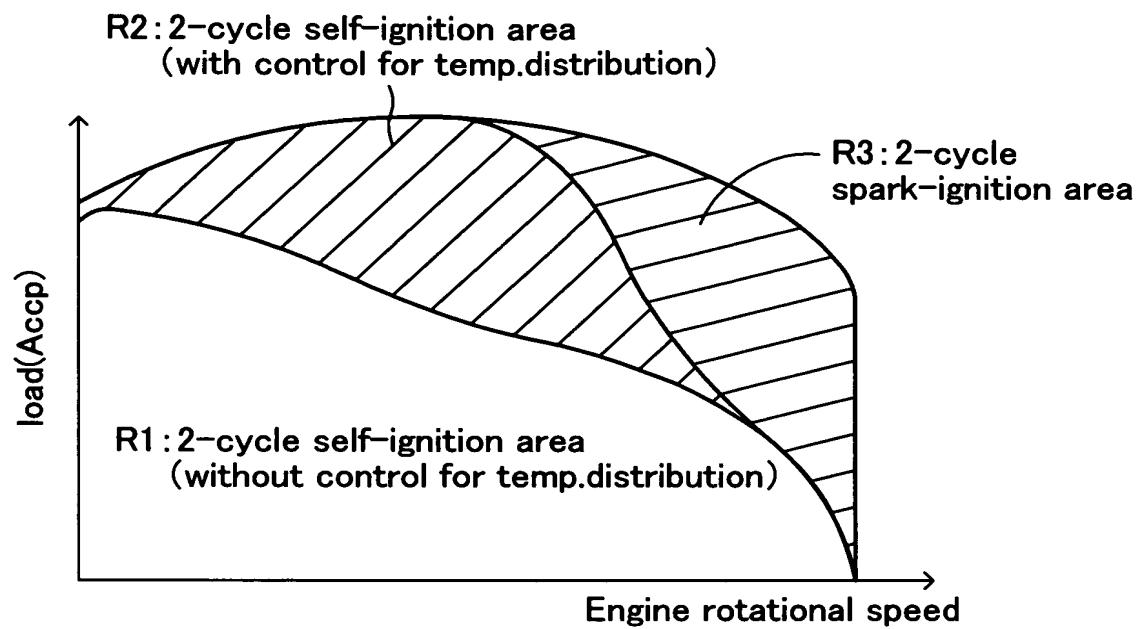


FIG.12

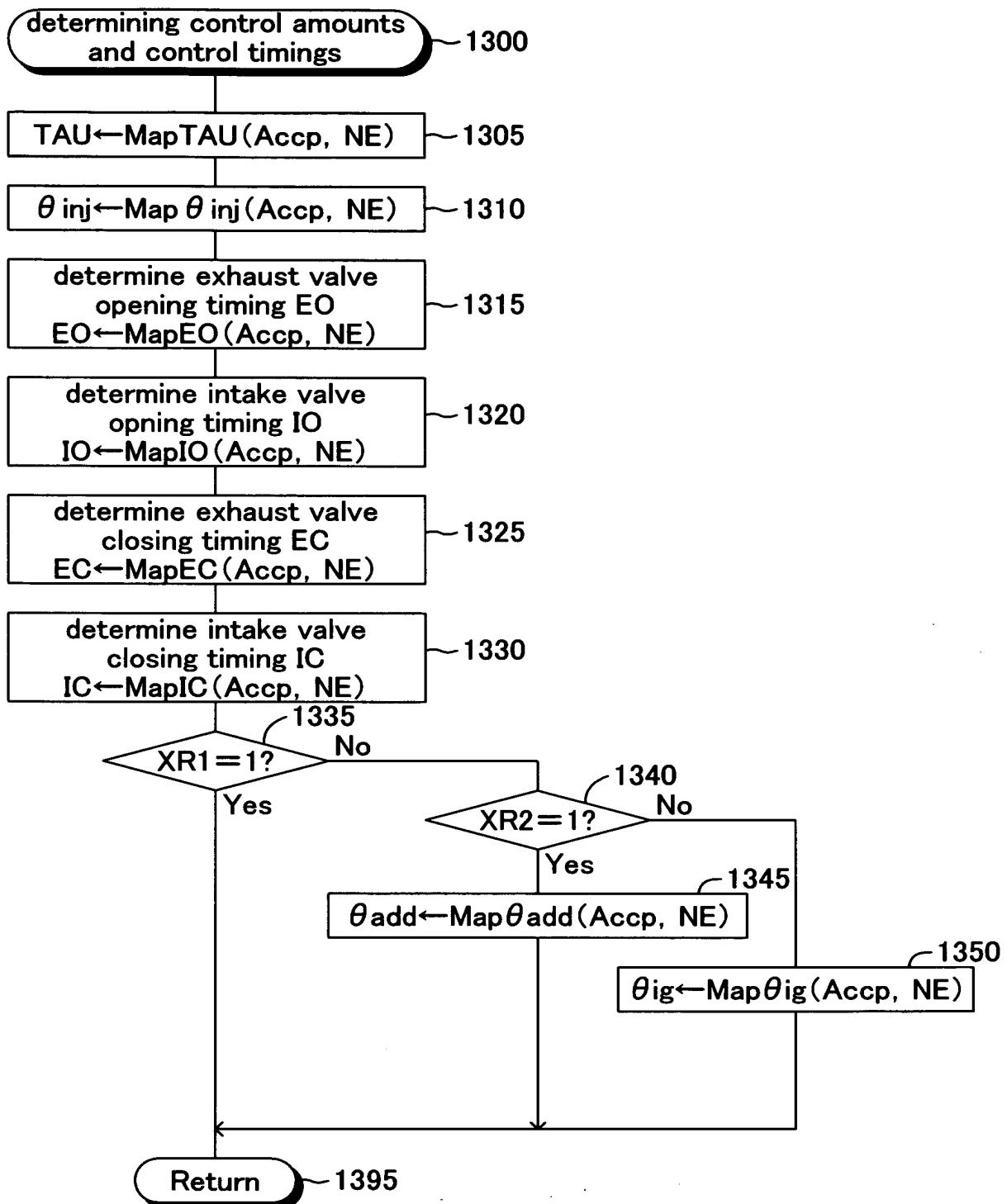


FIG.13

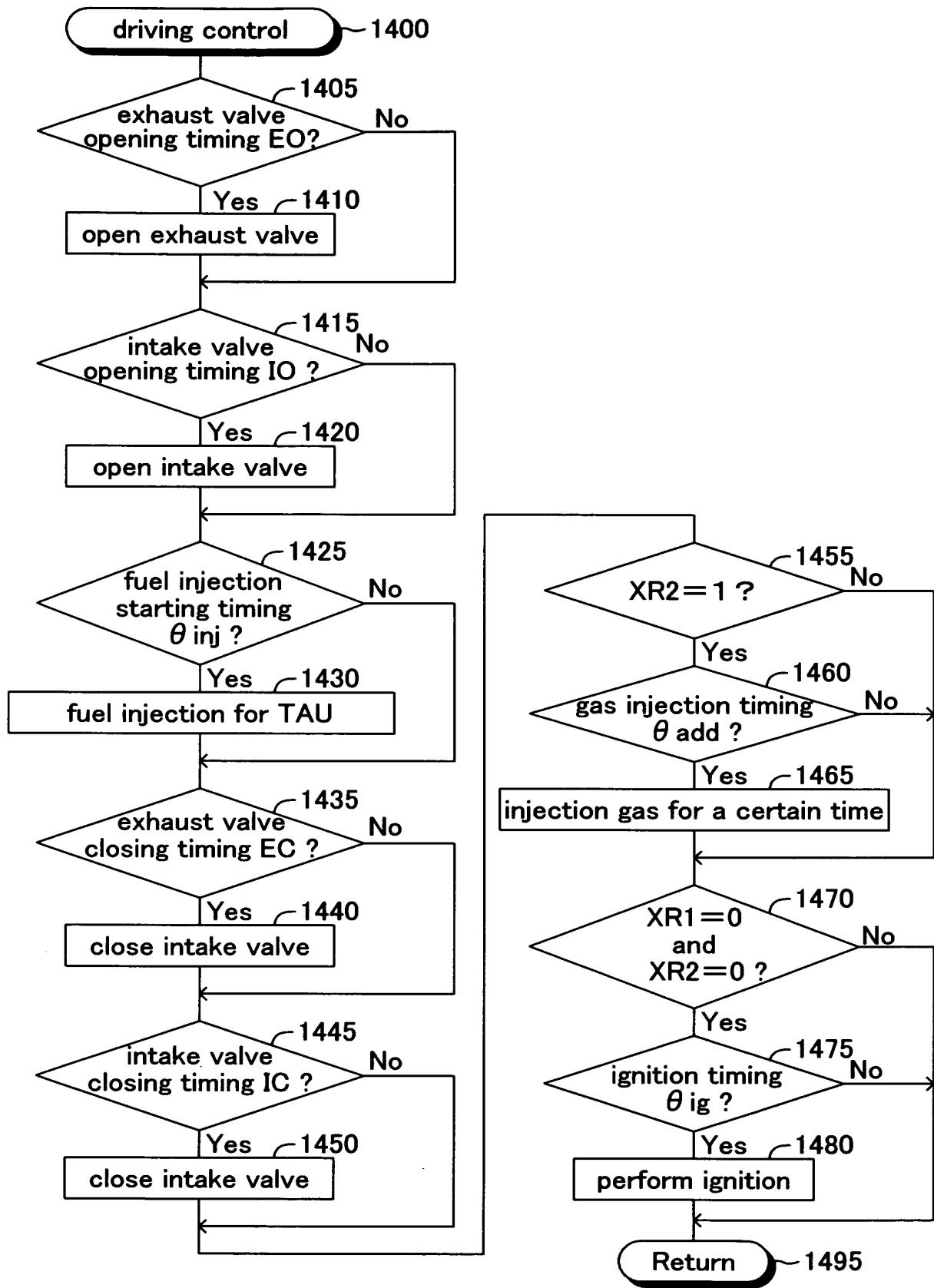


FIG.14

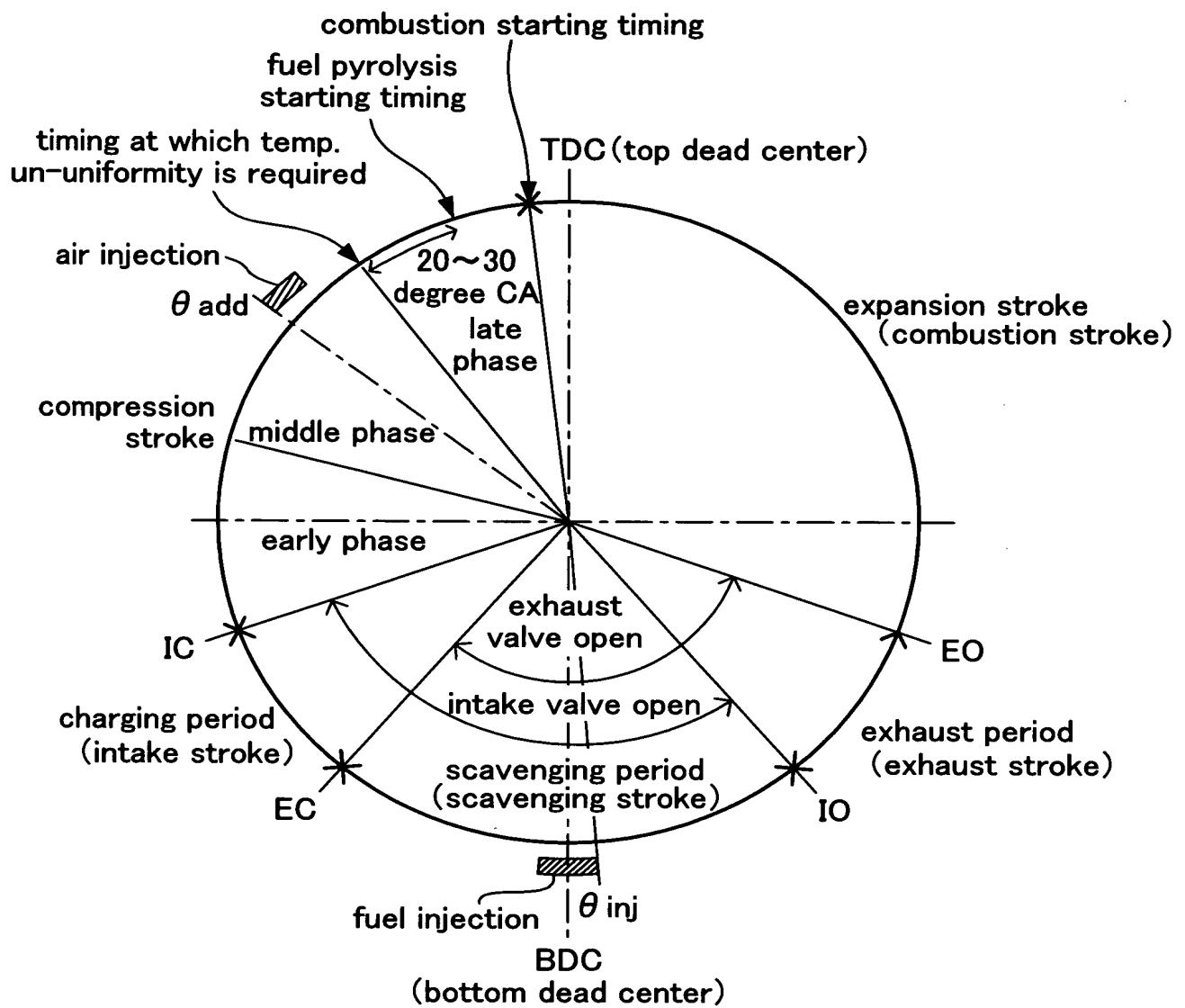


FIG.15

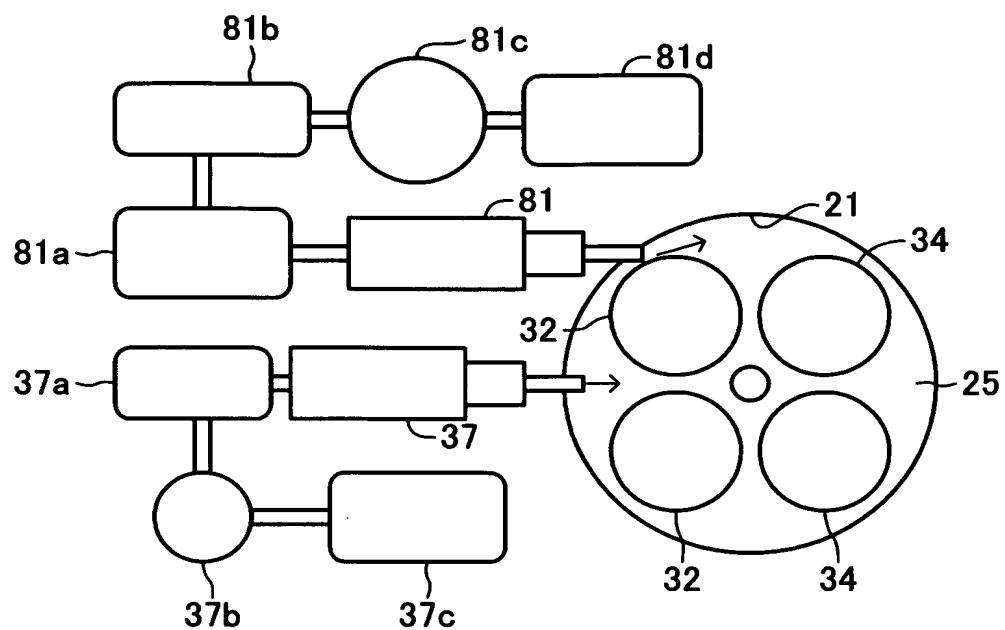


FIG.16

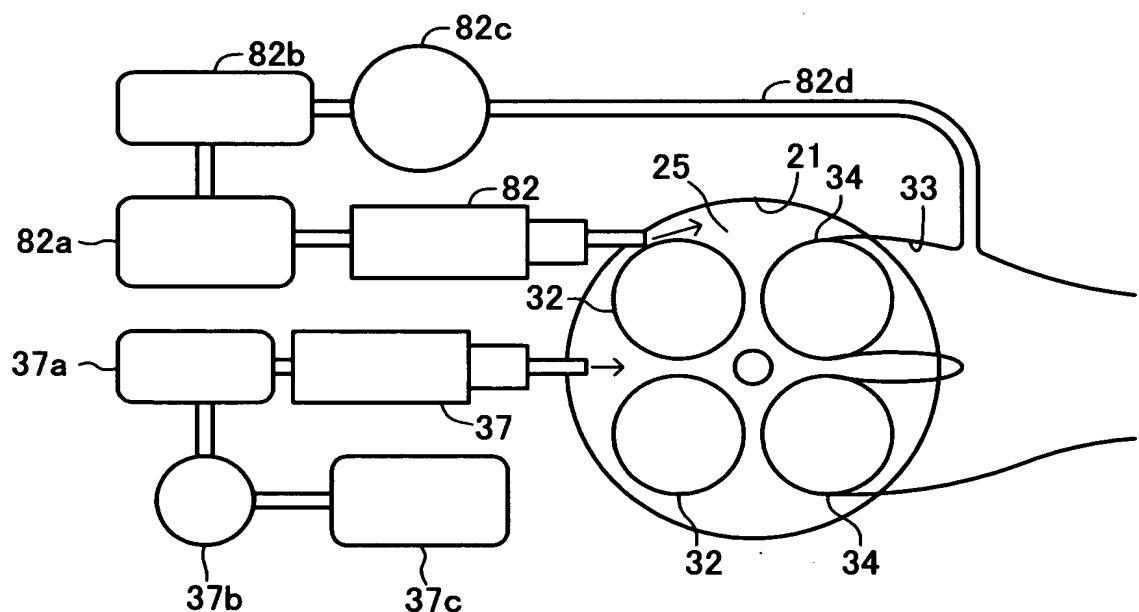


FIG.17

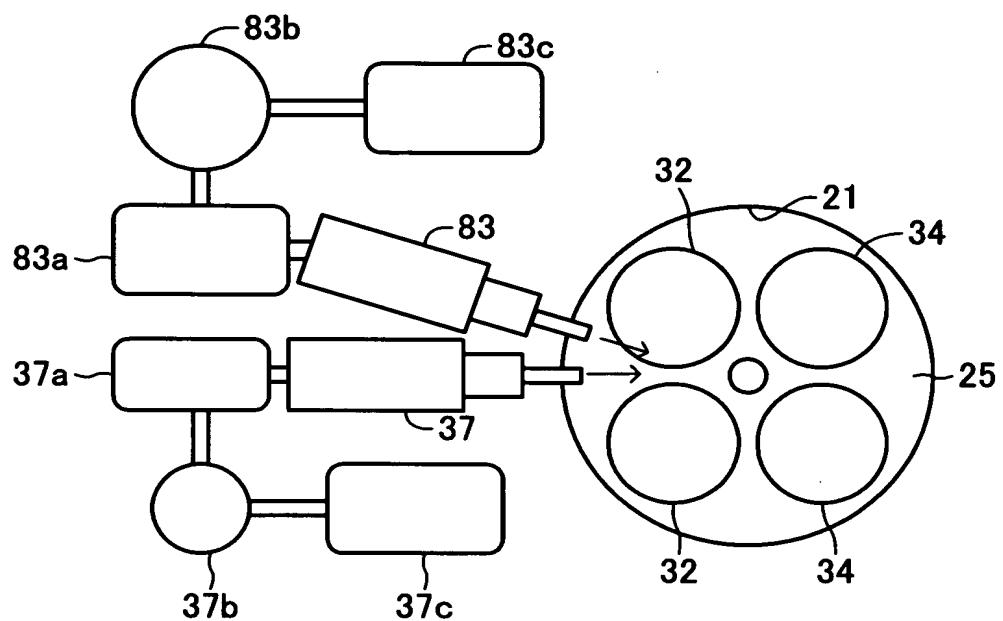


FIG.18

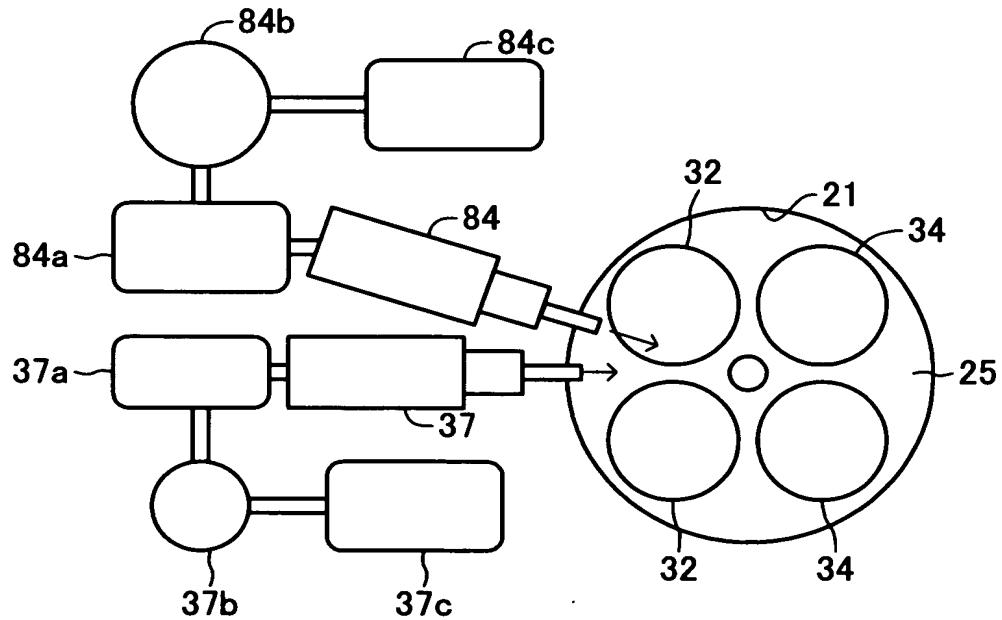


FIG.19

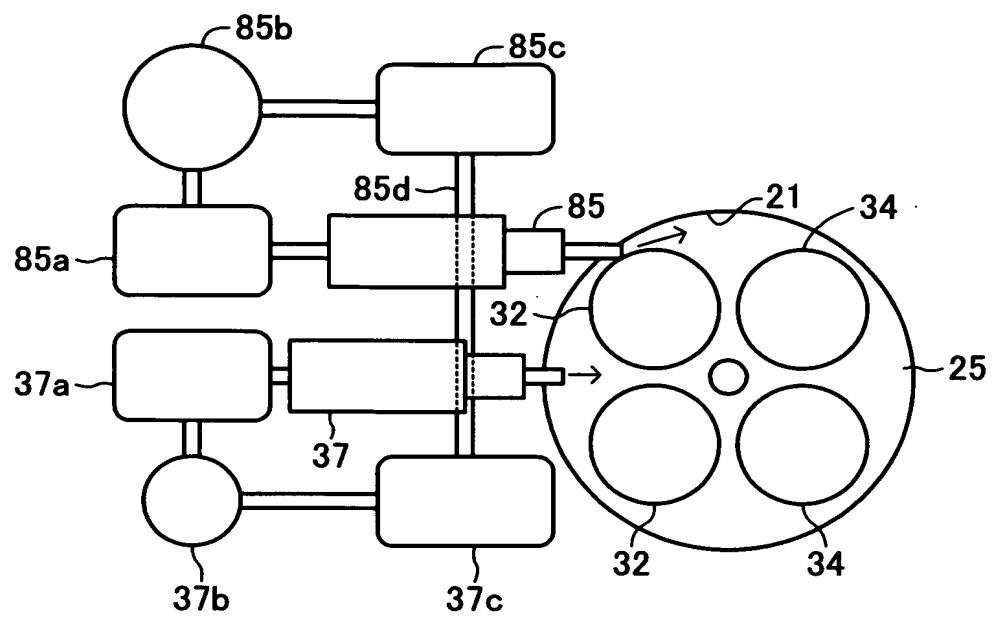


FIG.20

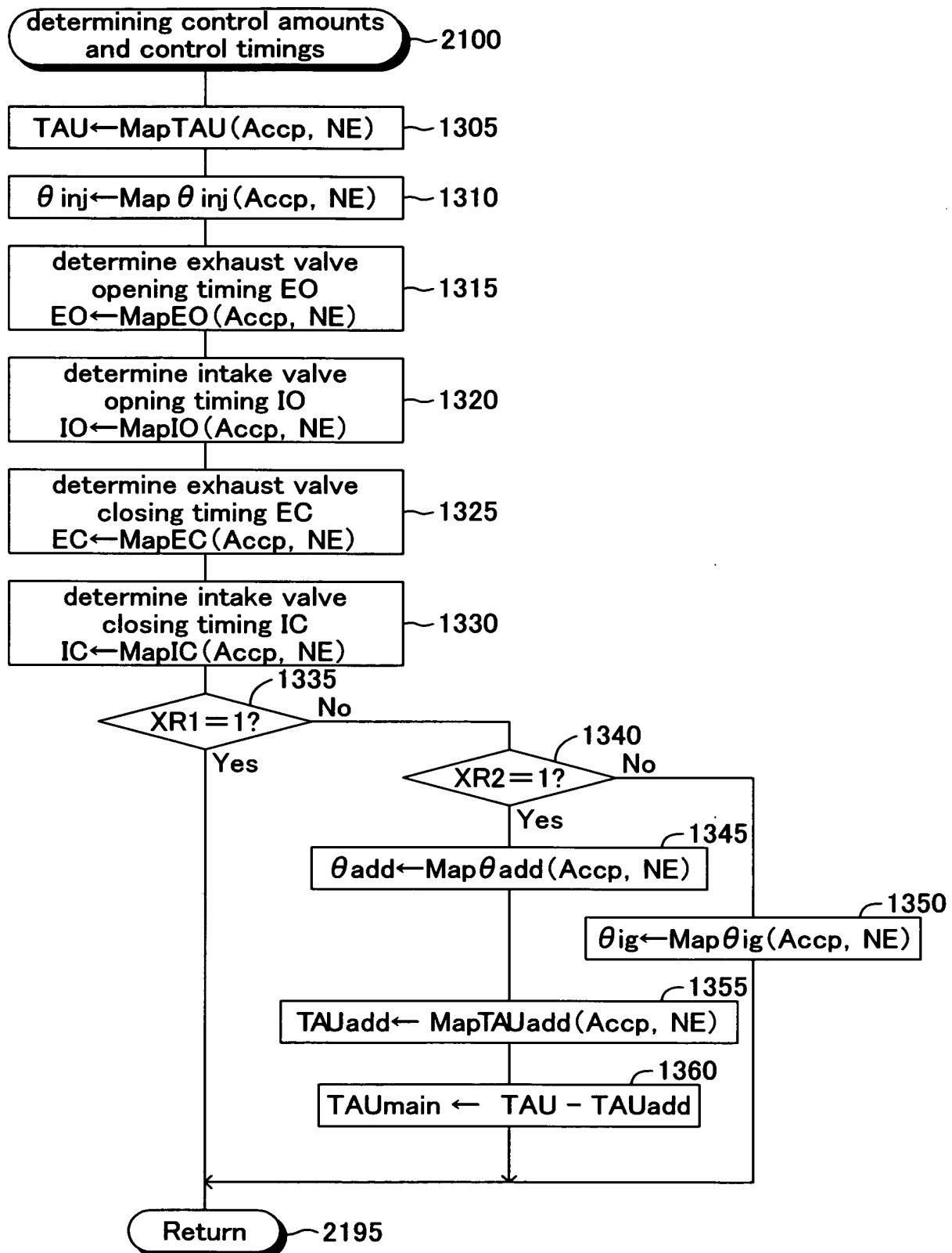


FIG.21

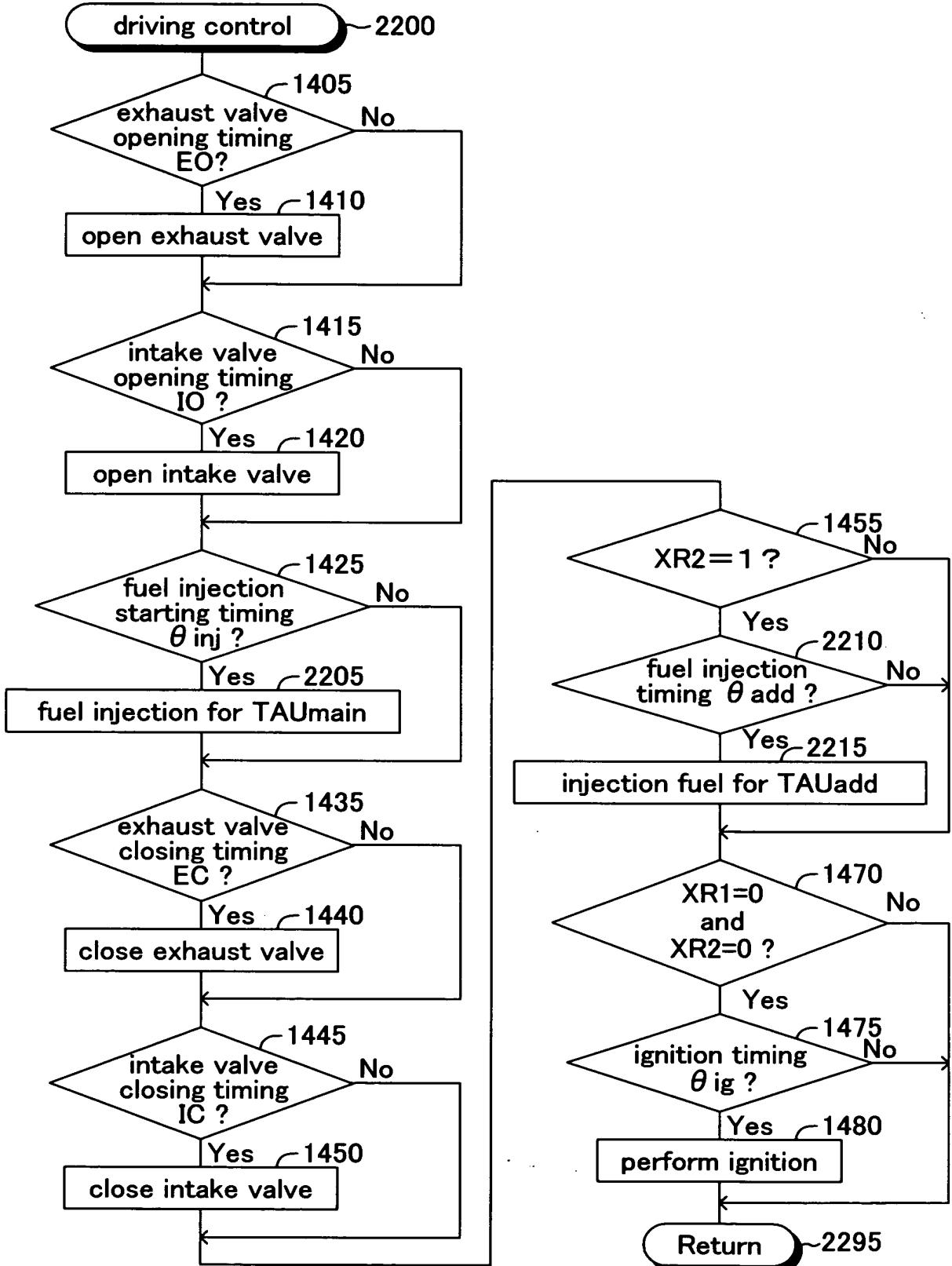


FIG.22